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Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: 14559
Application ID: 10063290
Title of Invention: SOFT HYBRID-ELECTRIC VEHICLE
POWER SUPPLY CIRCUIT
First Named Inventor: Shahram Zarei
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-04-09
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 201-0566 CLH
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: FwITZxAwrTI5BNWDhudoDQ==
Total Fees Authorized: \$856.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Sandra M. Lewis



TRANSMITTAL FORM

Jc474 U.S. PTO
10/063290
04/09/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

201-0566
CLH

SOFT HYBRID-ELECTRIC VEHICLE POWER SUPPLY CIRCUIT

First Named Inventor: Shahram Zarei

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sandra M. Lewis Electronic Filing
Specialist

Electronic Signature Mark: /sml

Date Signed: 20020409

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	declaration1 of2.tif
declaration	declaration2 of2.tif
declaration	consentletter.tif
declaration	infodisclosurestatement.tif

Variable	Unit	Mean	SD	Min	Max
Age	Years	45.2	12.5	25	65
Gender	Male/Female	50/50			
Education	Years	12.8	2.1	8	16
Income	\$/Year	25,000	15,000	10,000	40,000
Health	Good/Bad	60/40			
Marital	Married/Single	70/30			
Occupation	Various				
Religion	Various				
Political	Various				
Volunteer	Yes/No	40/60			
Charitable	Yes/No	30/70			
Community	Active/Inactive	50/50			
Neighborhood	Safe/Unsafe	60/40			
Crime	Low/High	30/70			
Police	Effective/Ineffective	50/50			
Fire	Responsive/Not	60/40			
Emergency	Services	70/30			
Public	Transportation	80/20			
Healthcare	Access	90/10			
Education	Quality	75/25			
Environment	Clean/Dirty	60/40			
Parks	Well-maintained	80/20			
Recreation	Facilities	70/30			
Shopping	Convenient	85/15			
Dining	Options	75/25			
Entertainment	Activities	60/40			
Culture	Events	50/50			
History	Landmarks	40/60			
Architecture	Style	30/70			
Art	Galleries	20/80			
Museums	Visitors	10/90			
Theater	Performances	5/95			
Music	Concerts	10/90			
Sports	Teams	20/80			
Events	Festivals	30/70			
Seasonal	Celebrations	40/60			
Traditions	Customs	50/50			
Language	Spoken	60/40			
Religion	Practices	70/30			
Politics	Issues	80/20			
Environment	Concerns	90/10			
Education	Reforms	75/25			
Healthcare	Improvements	60/40			
Public	Services	50/50			
Transportation	Changes	40/60			
Recreation	Facilities	30/70			
Shopping	Options	20/80			
Dining	Restaurants	10/90			
Entertainment	Activities	5/95			
Culture	Events	10/90			
History	Landmarks	20/80			
Architecture	Style	30/70			
Art	Galleries	40/60			
Museums	Visitors	50/50			
Theater	Performances	60/40			
Music	Concerts	70/30			
Sports	Teams	80/20			
Events	Festivals	90/10			
Seasonal	Celebrations	75/25			
Traditions	Customs	60/40			
Language	Spoken	50/50			
Religion	Practices	40/60			
Politics	Issues	30/70			
Environment	Concerns	20/80			
Education	Reforms	10/90			
Healthcare	Improvements	5/95			
Public	Services	10/90			
Transportation	Changes	20/80			
Recreation	Facilities	30/70			
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Events	Festivals	20/80			
Seasonal	Celebrations	10/90			
Traditions	Customs	5/95			
Language					

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Traditions	Customs	50/50			
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Religion	Practices	50/50			
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Politics	Views	50/50			
Economics	Opinions	60/40			
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Dining	Options	50/50			
Entertainment	Activities	60/40			
Culture	Events	50/50			
History	Landmarks	60/40			
Architecture	Style	50/50			
Art</					

[illegible]

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION**Attorney's Docket No.
201-0566**

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

SOFT HYBRID-ELECTRIC VEHICLE POWER SUPPLY CIRCUIT

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or☐ such applications have been filed as follows:☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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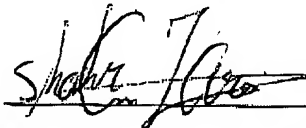
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28549, Kevin G. Mierzwa - 38,049 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

Kevin G. Mierzwa
Artz & Artz PLC
28333 Telegraph Road, Suite 250
Southfield, MI 48034 Phone: 248 223-9500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Shahram Zarei 31109 Pine Cone Drive Farmington Hills, MI 48331 US	Farmington Hills, MI 48331 US	U.S.A		2/8/2002

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20230

Case Docket No. 201-0596
Date: February 18, 2002

Sir:
Inventions:
Shahram Zand

For: SOFT HYBRID-ELECTRIC VEHICLES POWER SUPPLY CIRCUIT

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:


Carlos L. Hanger
Attorney or agent of Record
Registration No. 43,657
Ford Credit Technologies, Inc.
One Parklane Blvd.
500 Parklane Towers East
Dearborn, MI 48126
Telephone: (313) 923-6733

10063290 APP ID=10063290

Use the Department's Publication AG-650R. AG-650R sections required to complete a collection of information that contains a new Confidential Number.													
Section to Form 14400-F20 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete If Known <table border="1"> <tr> <td>Application Number</td> <td>Applied for</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Shahram Zarei</td> </tr> <tr> <td>Outside Att. Limit</td> <td></td> </tr> <tr> <td>Examiner's Name</td> <td></td> </tr> <tr> <td>Applicant Contact Number</td> <td>201-6566 (FGL 1575 PA)</td> </tr> </table>	Application Number	Applied for	Filing Date	Herewith	First Named Inventor	Shahram Zarei	Outside Att. Limit		Examiner's Name		Applicant Contact Number	201-6566 (FGL 1575 PA)
Application Number	Applied for												
Filing Date	Herewith												
First Named Inventor	Shahram Zarei												
Outside Att. Limit													
Examiner's Name													
Applicant Contact Number	201-6566 (FGL 1575 PA)												
Sheet <u>1</u> of <u>1</u>													

[illegible][illegible]

Examiner Signature	Date Considered
<p>*EAMMCI-1 is to be signed and dated, whether or not child is in compliance with NRPB 808. Draw the straight lines if not in compliance and no consideration is to be given to the form of the communication to applicant.</p> <p>*Using a checkmark/underscore number <u>5</u> See attached: Code of U.S. Postal Documents *Bear Office that issued the document, by the five-letter code NRPB (National RPT). *For Japanese postal documents, the indication of the year at the top of the envelope must precede the serial number of the permit document. *Date of document by the appropriate symbol as indicated on the document under the P.D. (Postal ST. 80 if possible). *Applicant is to place a check mark, <u> </u></p>	

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 856

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: 06-1510

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Sandra M. Lewis

Electronic Signature Mark: /sml

Date Signed: 20020409

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 22	103	\$ 18	2	\$ 36
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 36

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80